

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE
STATE OF NEVADA HERETOFORE APPROPRIATED**

Date of filing in State Engineer's Office **OCT 14 1976**Returned to applicant for correction **NOV 19 1976**Corrected application filed **NOV 29 1976** Map filed **NOV 29 1976** under **30743**The applicant **Great Western Agronomics, Inc.****P. O. Box 739**

Street and No. or P.O. Box No.

of **Winnemucca**

City or Town

Nv 89445

State and Zip Code No.

hereby make **S.** application for permission to change the
the point of diversion and place of use of a portion
of water heretofore appropriated under **27438**

(Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

- The source of water is **underground**
Name of stream, lake or other source.
- The amount of water to be changed **(76.24 ac. of 320) 1.29 cfs of 5.4 cfs**
Second feet, acre feet.
- The water to be used for **irrigation and domestic**
If for stock state number and kind of animals.
- The water heretofore used for **irrigation and domestic**
If for stock state number and kind of animals.
- The water is to be diverted at the following point **NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, T.33N., R.38E. MDB&M;**
or a point from which the SW corner of said Sec. 19 bears S.61°38'W.
Describe as being within a 40-acre subdivision of public survey and by course and distance to a section corner. If on unsurveyed land, it should be
2862 ft.
stated.
- The existing point of diversion is located within **SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 7, T.32N., R.38E. MDB&M;**
or a point from which the south $\frac{1}{2}$ corner of said Sec. 7 bears S.42°
If point of diversion is not changed, do not answer.
32'W. 18.20 ft.
- Proposed place of use **240.94 acres in S $\frac{1}{2}$ Sec. 19, T.33N., R.38E. MDB&M**
Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.
(243.76 acres unchanged in E $\frac{1}{2}$ Sec. 7, T.32N., R.38E. MDB&M
76.24 acres to be stripped from E $\frac{1}{2}$ Sec. 7, T.32N., R.38E. MDB&M)
See map sheet 2
- Existing place of use **E $\frac{1}{2}$ Sec. 7, T.32N., R.38E. MDB&M, 320 acres**
Describe by legal subdivisions. If presently used for irrigation, state number of acres irrigated.
- Use will be from **January 1** to **December 31** of each year.
Day and Month Day and Month
- Use has been from **January 1** to **December 31** of each year.
Day and Month Day and Month
- Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) **well, pump and sprinkling system**
State manner in which water is to be diverted, whether by dam or other works,
whether through pipes, ditches, flumes, or other conduits.

12. Estimated cost of works.....\$25,000.....
13. Estimated time required to construct works.....3 years.....
14. Estimated time required to complete the application of water to beneficial use.....4 years.....
15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Waters to be commingled with other water rights.....

Compared...dc/ga.....lk/ga..... Applicant.....

By.....s/J. R. Caldwell
P. O. Box 432
Winnemucca, Nv 89445

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

See attached terms.

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed.....1.29.....cubic feet per second but not to exceed a yearly duty of 4.0 acre-feet per acre of land irrigated from any and/or all sources.....

Actual construction work shall begin on or before.....November 3, 1977.....

Proof of commencement of work shall be filed before.....December 3, 1977.....

Work must be prosecuted with reasonable diligence and be completed on or before.....November 3, 1978.....

Proof of completion of work shall be filed before.....December 3, 1978.....

Application of water to beneficial use shall be made on or before.....November 3, 1981.....

Proof of the application of water to beneficial use shall be filed on or before.....December 3, 1981.....

Map in support of proof of beneficial use shall be filed on or before.....December 3, 1981.....

Commencement of work filed.....JAN 3 1978.....

Completion of work filed.....OCT 16 1980.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No.....Issued.....

Recorded.....Bk.....Page.....

IN TESTIMONY WHEREOF, I, ROLAND D. WESTERGARD, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 3rd day of May

A.D. 19 77

State Engineer



2407

Attested By 46243 1 29

Application No. 30749

APPROVAL OF STATE ENGINEER

This permit to change the point of diversion and place of use of a portion of the waters of an underground source as heretofore granted under Permit 27438 is issued subject to the terms and conditions imposed in said Permit 27438 and with the understanding that no other rights on the source will be affected by the change proposed herein. The well shall be equipped with a 2-inch opening and a totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of the water begins or before the proof of completion of work is filed. If the well is flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined amount of water granted under this permit and Permits 30747, 30748 and 30862 is limited to what the well covered under the four permits is capable of producing. If certificates of appropriation are issued under this permit and Permits 30747, 30748 and 30862, the total combined amount of appropriation granted in said certificates shall not exceed what the well covered under the four permits is capable of producing.

This permit is issued with the understanding that no expansion of water right acreage is allowed and that no additional withdrawal of ground water is allowed over that amount of ground water allowed under the base permit.

This permit is further issued with the provision that the permittee diligently pursue by statutory procedure the removal of all rights under Certificate 252 of Proof 01523 under the Clear Creek Decree from the 14.6 acres within the N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 19, T.33N., R.38E. M.D.B.&M. not included within the proposed place of use under Permits 30744, 30745, 30746 and 30863.

The first part of the paper discusses the
 importance of the study and the
 objectives of the research. The second part
 describes the methodology used in the study,
 including the data collection and analysis
 techniques. The third part presents the
 results of the study, and the fourth part
 discusses the conclusions and the
 implications of the findings.

